

Harley Davidson Softail Series 2019 - Chassis Fastener Torque Values

FASTENER	TORQUE VALUE	NOTES
ABS Module bracket screw	10.0–13.5 N·m (95–119 in-lbs)	3.16 ABS MODULE, Install
ABS Module frame screw	10.8–13.5 N·m (95–119 in-lbs)	3.16 ABS MODULE, Install
Barjo bolt	29–31 N·m (21–23 ft-lbs)	3.17 BLEED BRAKES, Fill and Bleed
Barjo bolt to ABS module	23.1–25.8 N·m (17–19 ft-lbs)	3.15 BRAKE LINES, Front ABS Lines
Barjo bolt to ABS module	23.1–25.8 N·m (17–19 ft-lbs)	3.15 BRAKE LINES, Brake Line: Rear Master Cylinder to ABS Module
Danjo bolt to ABS module	23.1–25.0 N·m (17–19 ft-lbs)	3.15 BRAKE LINES, Brake Line: Rear Caliper to ABS Module
Barjo bolt to brake caliper, rear	29–31 N·m (21–23 ft-lbs)	3.15 BRAKE LINES, Brake Line: Rear Caliper to ABS Module
Danjo bolt to master cylinder, rear	29–31 N·m (21–23 ft-lbs)	3.15 BRAKE LINES, Brake Line: Rear Master Cylinder to ABS Module
Belt guard, lower, screws	12.2–14.9 N·m (100–132 in-lbs)	3.24 BELT GUARDS, Remove and Install: Cast Rear Fork
Belt guard, upper, lower screws	12.2–14.9 N·m (100–132 in-lbs)	3.24 BELT GUARDS, Remove and Install: Cast Rear Fork
Belt guard, upper, upper screw with gemmet	12.2–14.9 N·m (100–132 in-lbs)	3.24 BELT GUARDS, Remove and Install: Cast Rear Fork

Blender screw	3.9–6.9 N·m (35–61 in-lbs)	3.17 BLEED BRAKES, Fill and Bleed
Brake caliper, front, bridge bolt	19.8–21.5 N·m (14–18 ft-lbs)	3.42 FRONT BRAKE CALIPER, Assemble
Brake clamp screw	4.1–5.1 N·m (36–48 in-lbs)	3.16 BRAKE LINES, Brake Line: Front Master Cylinder (ABS)
Brake line tube nuts, manifold	14.5–19.0 N·m (120–173 in-lbs)	3.15 BRAKE LINES, Brake Line: Front Master Cylinder (ABS)
Brake master cylinder, rear, mounting screws	24.4–29.0 N·m (19–22 ft-lbs)	3.13 REAR BRAKE MASTER CYLINDER, Install
Brake master cylinder, reservoir cover screw	1–2 N·m (9–10 in-lbs)	3.17 BLEED BRAKES, Fill and Bleed
Brake pedal linkage screw	20.3–24.1 N·m (15–18 ft-lbs)	3.42 RIGHT FOOT CONTROLS, Remove and Install: Mid Foot Controls
Brake pedal linkage screw	20.3–24.4 N·m (15–18 ft-lbs)	3.42 RIGHT FOOT CONTROLS, Remove and Install: Mid Foot Controls

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Brake pedal pivot screw	24.4–29.0 N·m (10–22 ft-lbs)	3.42 RIGHT FOOT CONTROLS, Remove and Install: Forward Foot Controls
Brake pedal pivot screw	13.6–19 N·m (10–14 ft-lbs)	3.42 RIGHT FOOT CONTROLS, Remove and Install: Mid Foot Controls
Clamp screw	2.7–4 N·m (24–35 in-lbs)	3.15 BRAKE LINES, Brake Line: Rear Master Cylinder to ABS Module
Clamp screw	2.7–4 N·m (24–35 in-lbs)	3.15 BRAKE LINES, Brake Line: Rear Caliper to ABS Module
Clutch cable lever screw	6.8–9 N·m (60–80 in-lbs)	3.26 CLUTCH CONTROL, Install
Cowl stud screw	9–11 N·m (80–97 in-lbs)	3.04 REAR FENDER, Disassemble and Assemble: Tail Section
FCM saddle small screw	6.7–6.8 N·m (55–60 in-lbs)	3.46 FRAME (CR)SSM-MH-18, Install
FXBB: Hub cap screw	22–33 N·m (16–24 ft-lbs)	3.1 FRONT WHEEL, Assemble
Fairing windshield screw	3.6–4.5 N·m (32–40 in-lbs)	3.28 FAIRING, Disassemble and Assemble
Fairing, inner screw	3.6–4.5 N·m (32–40 in-lbs)	3.28 FAIRING, Disassemble and Assemble
Foot support bracket screws	54.2–61 N·m (40–45 ft-lbs)	3.41 LEFT FOOT CONTROLS, Install

Foot support bracket screws	54.2–61 N·m (40–45 ft-lbs)	3.42 RIGHT FOOT CONTROLS, Remove and Install: Forward Foot Controls
Foot support bracket screws	54.2–61 N·m (40–45 ft-lbs)	3.42 RIGHT FOOT CONTROLS, Remove and Install: Mid Foot Controls
Fork bracket, lower, pinch bolt	21.7–27.1 N·m (16–20 ft-lbs)	3.20 FRONT FORK, Install <i>Models with two lower pinch bolts per side. Alternate system until specification is met.</i>
Fork bracket, upper, pinch bolt	21.7–27.1 N·m (16–20 ft-lbs)	3.20 FRONT FORK, Install
Fork damper tube screw, front	40–50 N·m (30–37 ft-lbs)	3.20 FRONT FORK, Disassemble and Assemble: Standard
Fork stem pinch bolt - All except FXDRS	21.7–27.1 N·m (16–20 ft-lbs)	3.21 STEERING HEAD/FORK STEM AND BRACKET ASSEMBLY, Install
Fork stem pinch bolt - FXDRS	38–43.4 N·m (28–32 ft-lbs)	3.21 STEERING HEAD/FORK STEM AND BRACKET ASSEMBLY, Install
Fork stem screw, final torque - All except FXDRS	7–7.6 N·m (62–67 in-lbs)	3.21 STEERING HEAD/FORK STEM AND BRACKET ASSEMBLY, Install

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Fork stem screw, final torque FXDRS	11.3–12.4 N·m (100–110 in-lbs)	3.21 STEERING HEAD/FORK STEM AND BRACKET ASSEMBLY, Install
Fork stem screw, first torque	10.1–19 N·m (160–160 in-lbs)	3.21 STEERING HEAD/FORK STEM AND BRACKET ASSEMBLY, Install
Fork tube plug	29–39 N·m (22–28 ft-lbs)	3.20 FRONT FORK, Disassemble and Assemble: Inverted, Left Side
Fork tube plug	30–40 N·m (22–30 ft-lbs)	3.20 FRONT FORK, Disassemble and Assemble: Inverted, Right Side
Fork tube plug to damper nut	17.5–22.5 N·m (13–16 ft-lbs)	3.20 FRONT FORK, Disassemble and Assemble: Inverted, Left Side
Fork tube plug to damper nut	17.5–22.5 N·m (13–16 ft-lbs)	3.20 FRONT FORK, Disassemble and Assemble: Inverted, Right Side
Fork tube plug, standard	30–80 N·m (22–59 ft-lbs)	3.20 FRONT FORK, Disassemble and Assemble: Standard
Fork, cartridge screw	15–25 N·m (11–18 ft-lbs)	3.20 FRONT FORK, Disassemble and Assemble: Inverted, Left Side
Fork, right, inner fork nut	93–113 N·m (69–83 ft-lbs)	3.20 FRONT FORK, Disassemble and Assemble: Inverted, Right Side
Frame crossmember mounting screws	20.1–27.1 N·m (17–23 ft-lbs)	3.46 FRAME CROSSMEMBER, Install
Front ABS brake line P-clamp screw	4.1–5.4 N·m (30–40 in-lbs)	3.15 BRAKE LINES, Front ABS Lines

Front ABS brake line to front brake line	14.5–19.5 N·m (120–170 in-lbs)	3.15 BRAKE LINES, Front ABS Lines
Front brake caliper banjo bolt	19–24.1 N·m (14–18 ft-lbs)	3.12 FRONT BRAKE CALIPER, Install
Front brake caliper bleedor screw	3.0–6.0 N·m (35–61 in-lbs)	3.12 FRONT BRAKE CALIPER, Assemble
Front brake caliper bridge bolt	19.0–24.5 N·m (14–18 ft-lbs)	3.12 FRONT BRAKE CALIPER, Install
Front brake caliper mounting bolts	38–51.5 N·m (28–38 ft-lbs)	3.12 FRONT BRAKE CALIPER, Install
Front brake caliper mounting bolts	38–51.5 N·m (28–38 ft-lbs)	3.12 FRONT BRAKE CALIPER, Install
Front brake caliper mounting bolts	38–51.5 N·m (28–38 ft-lbs)	3.12 FRONT BRAKE CALIPER, Install
Front brake caliper pad hanger pin	14.7–19.8 N·m (11–14 ft-lbs)	3.12 FRONT BRAKE CALIPER, Install
Front brake caliper pad hanger pin	14.7–19.8 N·m (11–14 ft-lbs)	3.12 FRONT BRAKE CALIPER, Install

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Front brake disc screw	22–33 N·m (16–24 ft-lbs)	3.4 FRONT WHEEL, Assemble
Front brake line screw	4.1–5.4 N·m (30–40 in-lbs)	3.15 BRAKE LINES, Brake Line: Front Caliper (ABS)
Front brake line screw	4.1–5.4 N·m (36–48 in-lbs)	3.15 BRAKE LINES, Front Brake Line: Non ABS
Front brake master cylinder banjo bolt - Dual disk front brake	22–34 N·m (24–25 ft-lbs)	3.11 FRONT BRAKE MASTER CYLINDER, Install
Front brake master cylinder banjo bolt - Single disk front brake	29–31 N·m (21–23 ft-lbs)	3.11 FRONT BRAKE MASTER CYLINDER, Install
Front fender mounting screw (typical)	22–28 N·m (16–21 ft-lbs)	3.33 FRONT FENDER, Install
Front fender mounting screw, FXBB	22–28 N·m (16–21 ft-lbs)	3.33 FRONT FENDER, Install
Front fender mounting screw, FXDWX/US	0–10 N·m (71–89 in-lbs)	3.33 FRONT FENDER, Install
Front fender side trim nut	1.1–1.6 N·m (10–14 in-lbs)	3.33 FRONT FENDER, Assemble
Front fender to bracket screw, FXHWX/HS/US	4.1–5.4 N·m (36–48 in-lbs)	3.33 FRONT FENDER, Install
Front fork bottom mount pinch bolt	15–20 N·m (11–15 ft-lbs)	3.4 FRONT WHEEL, Install
Front fork side mount pinch bolt	28–34 N·m (21–25 ft-lbs)	3.4 FRONT WHEEL, Install
Front license plate slotted bracket screw with spacer	30–38 N·m (22–28 ft-lbs)	3.39 FRONT LICENSE PLATE BRACKET, Install
Front license plate slotted bracket screw without spacer	8–12 N·m (6–9 ft-lbs)	3.39 FRONT LICENSE PLATE BRACKET, Install
Front license plate two hole bracket screw	22–27 N·m (16–20 ft-lbs)	3.39 FRONT LICENSE PLATE BRACKET, Install
Front license plate two tab bracket screw	30–38 N·m (22–28 ft-lbs)	3.39 FRONT LICENSE PLATE BRACKET, Install
Front wheel axle	94.9–101.6 N·m (70–75 ft-lbs)	3.4 FRONT WHEEL, Install
Handlebar clamp gap limiting fasteners	16.3–21.7 N·m (12–16 ft-lbs)	3.31 HANDLEBAR, Disassemble and Assemble: Standard
Handlebar clamp open gap fasteners	10.3–21.7 N·m (12–16 ft-lbs)	3.31 HANDLEBAR, Disassemble and Assemble: Standard
Handlebar switch clamp screw	5.8–9 N·m (60–80 in-lbs)	3.11 FRONT BRAKE MASTER CYLINDER, Install

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Handlebar tube screw	24.4–29.0 N·m (18–22 ft-lbs)	3.31 HANDLEBAR, Disassemble and Assemble: Clip-on
Headlamp nacella clamp screw	1.06–5.12 N·m (3/8–48 in-lbs)	3.27 HEADLAMP NACELLE, Install
Headlamp nacelle cover screw	9.4–12.2 N·m (7–9 ft-lbs)	3.27 HEADLAMP NACELLE, Install
Headlamp nacelle cover screw	9.4–12.2 N·m (7–9 ft-lbs)	3.27 HEADLAMP NACELLE, Install
Headlamp nacelle screw	9.8–11.7 N·m (85–104 in-lbs)	3.27 HEADLAMP NACELLE, Install
Headlamp nacelle trim strip screw	9.4–12.2 N·m (83–108 in-lbs)	3.27 HEADLAMP NACELLE, Install
Headlamp nacelle trim strip screw	9.4–12.2 N·m (83–108 in-lbs)	3.27 HEADLAMP NACELLE, Install
Headlamp, nacelle mounted, bezel screw	7.0–13.6 N·m (25–32 in-lbs)	3.27 HEADLAMP NACELLE, Install
Jiffy stand screws	51.2–61 N·m (10–45 ft-lbs)	3.44 JIFFY STAND, Install
License plate bracket inner mounting screws	7.03–7.37 N·m (50–21 in-lbs)	3.40 REAR LICENSE PLATE BRACKET, Center Mount
License plate bracket outer mounting screws	7.11–8.69 N·m (63–77 in-lbs)	3.40 REAR LICENSE PLATE BRACKET, Center Mount

License plate bracket screws - lighting bracket mount	6.0–7.9 N·m (50–70 in-lbs)	3.40 REAR LICENSE PLATE BRACKET, Lighting Bracket Mount
License plate holder screw	7.11–8.60 N·m (63–77 in-lbs)	3.40 REAR LICENSE PLATE BRACKET, Center Mount With Lighting
License plate standard assembly bolt	7–10 N·m (67–89 in-lbs)	3.40 REAR LICENSE PLATE BRACKET, Standard
License plate standard mount screws	8–11 N·m (71–97 in-lbs)	3.40 REAR LICENSE PLATE BRACKET, Standard
Lower belt guard screw	7.9–9 N·m (70–80 in-lbs)	3.24 BELT GUARDS, Remove and Install: Standard
Lower shock screw	94.9–101.68 N·m (70–75 ft-lbs)	3.26 REAR SHOCK ABSORBER, Install
Master brake cylinder yoke	14.7–19.8 N·m (11–14 ft-lbs)	3.13 REAR BRAKE MASTER CYLINDER, Disassemble and Assemble: Master Cylinder
Master cylinder bracket to frame screw	10.7–51.2 N·m (30–40 ft-lbs)	3.13 REAR BRAKE MASTER CYLINDER, Install

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Master cylinder, rear, banjo bolt	19–24.4 N·m (14–18 ft-lbs)	3.13 REAR BRAKE MASTER CYLINDER, Install
Mirror mounting nut	10.8–16.3 N·m (80–120 in-lbs)	3.32 MIRRORS, Install
Mud guard screw	3.4–4.5 N·m (30–40 in-lbs)	3.30 MUD GUARD, Install
Mud guard screw	3.4–4.5 N·m (30–40 in-lbs)	3.37 REAR LIGHTING BRACKET, Install
One piece seat grab strap screw	6.8–10.18 N·m (50–90 in-lbs)	3.15 SEAT, Install
Passenger footpeg support screw	51.5–63.7 N·m (38–47 ft-lbs)	3.43 PASSENGER FOOTRESTS, Install
Rear brake caliper banjo bolt	26–31 N·m (21–23 ft-lbs)	3.14 REAR BRAKE CALIPER, Install
Rear brake caliper pad hanger pin	14.7–19.0 N·m (11–14 ft-lbs)	3.14 REAR BRAKE CALIPER, Install
Rear brake caliper pad hanger pin	14.7–19.0 N·m (11–14 ft-lbs)	3.14 REAR BRAKE CALIPER, Install
Rear brake disc screws	40.7–61 N·m (30–45 ft-lbs)	3.5 REAR WHEEL, Assemble
Rear brake line bracket screw	2.7–4 N·m (24–36 in-lbs)	3.15 BRAKE LINES, Brake Line: Rear Master Cylinder to ABS Module
Rear brake line bracket screw	2.7–4 N·m (24–36 in-lbs)	3.15 BRAKE LINES, Brake Line: Rear Caliper to ABS Module
Rear brake line bracket screws	2.7–4.1 N·m (24–36 in-lbs)	3.15 BRAKE LINES, Rear Brake Line: Non-ABS
Rear brake line clamp screws	2.7–4.1 N·m (24–36 in-lbs)	3.15 BRAKE LINES, Rear Brake Line: Non-ABS
Rear caliper sleeve screw	19.6–24.5 N·m (14–18 ft-lbs)	3.14 REAR BRAKE CALIPER, Install
Rear caliper slider bolt	19.6–24.5 N·m (14–18 ft-lbs)	3.14 REAR BRAKE CALIPER, Install
Rear fender inner mount screw	28–37 N·m (21–27 ft-lbs)	3.34 REAR FENDER, Disassemble and Assemble: Chopped Fender Without License Plate Bracket Lighting
Rear fender support screw	28–37 N·m (21–27 ft-lbs)	3.34 REAR FENDER, Disassemble and Assemble: Chopped Fender Without License Plate Bracket Lighting
Rear fender support screw	28–37 N·m (21–27 ft-lbs)	3.34 REAR FENDER, Disassemble and Assemble: Chopped Fender Without

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Rear fender support screw	28–37 N·m (21–27 ft-lbs)	3.34 REAR FENDER, Disassemble and Assemble: Chopped Fender With License Plate Bracket Lighting
Rear fender support screws	57–62 N·m (47–49 ft-lbs)	1.34 REAR FENDER, Remove and Install: Standard
Rear fender support screws	28–37 N·m (21–27 ft-lbs)	3.34 REAR FENDER, Disassemble and Assemble: Full Fender
Rear fork pivot shaft nut, final torque	209–230 N·m (154–170 ft-lbs)	3.23 REAR FORK, Remove and Install
Rear fork pivot shaft nut, first torque	34–41 N·m (25–30 ft-lbs)	1.23 REAR FORK, Remove and Install
Rear fork pivot shaft nut, second torque	0.1–5.4 N·m (1–48 in-lbs)	3.23 REAR FORK, Remove and Install
Rear fork pivot shaft nut, third torque	209–230 N·m (154–170 ft-lbs)	1.23 REAR FORK, Remove and Install
Rear fork pivot shaft pinch bolt	24–27 N·m (18–20 ft-lbs)	3.23 REAR FORK, Remove and Install
Rear lighting harness caddy screw	12.2–14.9 N·m (9–11 ft-lbs)	3.23 REAR FORK, Disassemble and Assemble: Cast
Rear lighting mounting bracket screws	30–34 N·m (22–25 ft-lbs)	1.37 REAR LIGHTING BRACKET, Install
Rear shock adjuster knob screw	3–5 N·m (26.8–44.3 in-lbs)	3.26 REAR SHOCK ABSORBER, Disassemble and Assemble: Rear Shock Adjuster

Rear sprocket screws, final torque	104.1–112.5 N·m (77–83 ft-lbs)	3.5 REAR WHEEL, Assemble
Rear sprocket screws, first torque	61.3 N·m (45 ft-lbs)	1.5 REAR WHEEL, Assemble
Riser flange nuts	40.7–54.3 N·m (30–40 ft-lbs)	3.31 HANDLEBAR, Remove and Install: Standard
Riser flange nuts	40.7–54.3 N·m (30–40 ft-lbs)	3.31 HANDLEBAR, Disassemble and Assemble: Standard
Riser pinch screw	21.7–27.1 N·m (16–20 ft-lbs)	3.31 HANDLEBAR, Remove and Install: Clip-on
Saddle bag docking bracket screw	52–64 N·m (38–47 ft-lbs)	3.24 DCLT GUARDS, Remove and Install: Standard
Saddlebag screw	28–37 N·m (21–27 ft-lbs)	3.47 SADDLEBAGS, Remove and Install: Standard
Saddlebag docking rod	17–21 N·m (13–15 ft-lbs)	3.17 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect

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Saddlebag hinge screw	2–2.8 N·m (18–25 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Standard
Saddlebag hinge screw	2.3–3.4 N·m (20–30 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect
Saddlebag hinge screw	2.3–3.4 N·m (20–30 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect
Saddlebag indicator flag cover screw	2.7–4 N·m (24–35 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect
Saddlebag latch assembly	1.7–2.3 N·m (15–20 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect
Saddlebag latch lever screw	2.3–3.4 N·m (20–30 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect
Saddlebag left side mounting bracket grommet screw	10.9–13.6 N·m (96–120 in-lbs)	3.47 SADDLEBAGS, Remove and Install: Standard
Saddlebag left side mounting bracket grommet screw	11–14 N·m (97–124 in-lbs)	3.47 SADDLEBAGS, Remove and Install: Quick Disconnect
Saddlebag left side mounting bracket screw	52–81 N·m (38–47 ft-lbs)	3.47 SADDLEBAGS, Remove and Install: Standard
Saddlebag left side mounting bracket screw	52–84 N·m (38–47 ft-lbs)	3.47 SADDLEBAGS, Remove and Install: Quick Disconnect
Saddlebag locking knob cover screw	11–14 N·m (97–124 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect

Saddlebag locking knob screw	11–14 N·m (97–124 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect
Saddlebag lockset nut	5–8.2 N·m (41–55 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Standard
Saddlebag mounting bolt	21–37 N·m (21–27 ft-lbs)	3.47 SADDLEBAGS, Remove and Install: Quick Disconnect
Saddlebag right side mounting bracket grommet screw	10.8–13.6 N·m (96–120 in-lbs)	3.47 SADDLEBAGS, Remove and Install: Standard
Saddlebag right side mounting bracket grommet screw	11–14 N·m (97–124 in-lbs)	3.47 SADDLEBAGS, Remove and Install: Quick Disconnect
Saddlebag strike screw	2.3–3.4 N·m (20–30 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect
Saddlebag tether screw	5–6 N·m (44–53 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect
Saddlebag tether stud	5–6 N·m (44–53 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Quick Disconnect

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Saddlebag tether to lid screw	0.9–1.6 N·m (8–14 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Standard
Saddlebag tether to lid screw	0.9–1.6 N·m (8–14 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble: Standard
Saree lower guard top screw	8–9 N·m (71–80 in-lbs)	3.38 SAREE GUARD, Install
Saree lower guard lower screw	14–19 N·m (10–13 ft-lbs)	3.38 SAREE GUARD, Install
Saree upper guard screw	28–37 N·m (21–27 ft-lbs)	3.38 SAREE GUARD, Install
Seat mounting nut	1–1.7 N·m (9–15 in-lbs)	3.45 SEAT, Install
Seat thumbscrew	1.7–3.4 N·m (15–30 in-lbs)	3.45 SEAT, Install
Seat thumbscrew	1.7–3.4 N·m (15–30 in-lbs)	3.45 SEAT, Install
Seat thumbscrew	1.7–3.4 N·m (15–30 in-lbs)	3.45 SEAT, Install
Seat, axle whip head screw	9.5–12.2 N·m (84–108 in-lbs)	3.45 SEAT, Install
Shift lever bracket screws	13.6–16.3 N·m (120–144 in-lbs)	3.11 LEFT FOOT CONTROLS, Disassemble and Assemble: Footboard
Shock adjuster mounting screw	6.1–8.8 N·m (54–78 in-lbs)	3.45 FRAME CROSSMEMBER, Install
Shock pinch bolt, all but FXDRS	18.28–20.33 N·m (12–15 ft-lbs)	3.25 REAR SHOCK ABSORBER, Install
Shock pinch bolt, large, FXDRS	10.26–20.33 N·m (12–15 ft-lbs)	3.25 REAR SHOCK ABSORBER, Install
Shock pinch bolt, small, FXDRS	12.2–14.8 N·m (108–132 in-lbs)	3.25 REAR SHOCK ABSORBER, Install
Side cover screw, vertical screw	2.7–4.1 N·m (24–38 in-lbs)	3.19 RIGHT SIDE COVER, Install
Side cover mounting stud	11–19 N·m (77–96 in-lbs)	3.19 RIGHT SIDE COVER, Install
Side cover screw, horizontal screw	6.8–9.5 N·m (60–84 in-lbs)	3.19 RIGHT SIDE COVER, Install
Side cover screw, horizontal screw	6.8–9.5 N·m (60–84 in-lbs)	3.19 LEFT SIDE COVER, Install
Side cover screw, angle screw	2.7–4.1 N·m (24–38 in-lbs)	3.19 LEFT SIDE COVER, Install
	(24–38 in-lbs)	

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Side cover, left side, bracket to frame screw	0.9–1.1 N-m (8–10 in-lbs)	3.18 LEFT SIDE COVER, Install
Side-mounted shock adjuster screw	6.1–8.27 N-m (54–73 in-lbs)	3.25 REAR SHOCK ADJUSTER, Install
Splash guard screw	3.9–5.1 N-m (35–45 in-lbs)	3.23 REAR FORK, Remove and Install
Splash guard screw	3.9–5.1 N-m (35–45 in-lbs)	3.23 REAR FORK, Disassemble and Assemble: Last
Spoke nipple	6.2 N-m (55 in-lbs)	3.7 CHECKING AND TRUING WHEELS, True Laced Wheels
Tail section forward screws	10.3–19 N-m (12–14 ft-lbs)	3.34 REAR FENDER, Remove and Install: Tail Section
Tail section inner fender screw	2.7–5.4 N-m (24–48 in-lbs)	3.34 REAR FENDER, Disassemble and Assemble: Tail Section
Tail section inner fender screw to outer fender screw	2.7–5.4 N-m (24–48 in-lbs)	3.34 REAR FENDER, Disassemble and Assemble: Tail Section
Tail section outer fender screw	2.7–5.4 N-m (24–48 in-lbs)	3.34 REAR FENDER, Disassemble and Assemble: Tail Section
Tail section rear screws	23–27.1 N-m (17–20 ft-lbs)	3.34 REAR FENDER, Remove and Install: Tail Section
Under seat frame cover, front screw	2.3–3.4 N-m (20–30 in-lbs)	3.15 BRAKE LINES, Front ABS Lines

Under seat frame cover, rear screw	10.8–13.8 N-m (98–120 in-lbs)	3.16 BRAKE LINES, Front ABS Lines
Upper belt guard screw	7.9–9 N-m (70–80 in-lbs)	3.24 BELT GUARDS, Remove and Install: Standard
Upper belt guard screw	7.9–9 N-m (70–80 in-lbs)	3.24 BELT GUARDS, Remove and Install: Standard
Upper shock screw	108.4–122 N-m (80–90 ft-lbs)	3.26 REAR SHOCK ABSORBER, Install
Valve stem nut	1.4–1.7 N-m (12–15 in-lbs)	3.9 TIRES, Install
Wear peg	3.4–4.7 N-m (30–42 in-lbs)	3.41 LEFT FOOT CONTROLS, Disassemble and Assemble: Footboard
Wear peg	3.4–4.7 N-m (30–42 in-lbs)	3.41 LEFT FOOT CONTROLS, Disassemble and Assemble: Footboard
Wear peg	3.4–4.7 N-m (30–42 in-lbs)	3.42 RIGHT FOOT CONTROLS, Disassemble and Assemble:
		Footboard

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Wear peg	3.4–4.7 N·m (30–42 in-lbs)	3.42 RIGHT FOOT CONTROLS, Disassemble and Assemble Footpeg
Windshield seam nuts	2.6–3 N·m (23–27 in-lbs)	3.28 WINDSHIELD, Assemble
saddlebag lock screw	1.7–2.3 N·m (15–20 in-lbs)	3.47 SADDLEBAGS, Disassemble and Assemble Quick Disconnect